

Prolonged Vitality of Seeds.—An interesting case of the germination of seeds of the wild crab-apple (*Pirus coronaria*) after lying dormant twenty-three years recently came to my notice. In 1859 Dr. J. W. Smith of this place built a frame barn about thirty feet from his dwelling, the foundation of which was a low wall of limestone laid upon the garden soil. In April of the present year the barn was removed, and twenty days afterward the foundation also. As the Doctor pried up a bottom stone about twenty inches across, two small plants respectively an inch and an inch and a half high straightened themselves into an erect position. They were near the center of the stone and some three inches apart. A number of persons carefully examined them besides the Doctor. There seems to be no doubt that the seeds had been protected by the building for this long period, and that when it was removed sufficient warmth and moisture had penetrated beneath the foundation wall to cause them to grow.—J. C. ARTHUR, *Charles City, Iowa.*

Curious Growth on *Gleditschia triacanthos*.—Prof. F. L. Harvey, of the Arkansas Industrial University, sends the accompanying figure to illustrate a growth on our honey locust in which



he points out a strong resemblance to an animal standing erect upon thorns, and bearing an armed snout. He mentions two small prominences standing in position and of a nature to represent eyes. The narrowed end was the point of attachment to the tree. There are nine thorns on the front side (two are not shown, being behind a large thorn) and ten on the reverse, only four being shown in part. This monstrosity is curious and of course interesting enough to be recorded.